

East Search 09/404,891 12/19/05 24142

|           |   |                               |                |
|-----------|---|-------------------------------|----------------|
| BRS 1351  | serializer or deserializer  | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 19:00  |
| BRS 45916 | pll or (phase adj lock\$2 adj loop\$1)  | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:26  |
| BRS 13846 | parallel adj output   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:27  |
| BRS 49    | (serializer or deserializer) with (parallel adj output)   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:27  |
| BRS 2     | ((serializer or deserializer) with (parallel adj output) same (pll or (phase adj lock\$2 adj loop\$1)))   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:29  |
| BRS 51132 | transceiver   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:29  |
| BRS 12    | transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:35  |
| BRS 10    | (transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1)))   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:35  |
| BRS 16    | and @ad<19990424  | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 18:04  |
| BRS 13    | (transceiver\$1 or (receiver\$1 with transmitter\$1) same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1)))                               | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:36  |
| BRS 1     | or (phase adj lock\$2 adj loop\$1)) and @ad<19990424  | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 17:36  |
| BRS 1     | 6377575.pn. and deserializer\$1   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 18:33  |
| BRS 1     | 6377575.pn. and phase   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 18:38  |
| BRS 1     | 6377575.pn. and cmu   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 18:42  |
| BRS 1     | 6377575.pn. and dru   | USPAT; US-PGPUB; EPO; DERWENT | 9/28/02 18:43  |
| BRS 3096  | select\$5 near3 (demux\$1 or demultiplex\$5)  | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:00 |
| BRS 41875 | select\$5 near3 (mux\$1 or multiplex\$5)  | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:00 |
| BRS 13345 | parallel adj serial   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:00 |
| BRS 19366 | serial adj parallel   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:00 |
| BRS 186   | (select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:01 |
| BRS 17    | (select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:01 |
| BRS 5     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))             | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:19 |
| BRS 4     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)) and clock\$ | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:27 |
| BRS 1     | 4809345.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 13:43 |
| BRS 1     | 4610026.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 11:47 |
| BRS 0     | 4809345.pn. and (phase)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 13:43 |
| BRS 0     | 4809345.pn. and (phase)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 13:43 |
| BRS 1     | 4809345.pn. and (phase\$)   | USPAT; US-PGPUB; EPO; DERWENT | 12/19/03 13:43 |

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| BRS | 1351  | serializer or deserializer   | USPAT: US-PGPUB: EPO: DERWENT | 6/23/04 18:26  |
| BRS | 45916 | pll or (phase adj lock\$2 adj loop\$1)   | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:26  |
| BRS | 13846 | parallel adj output  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:27  |
| BRS | 49    | (serializer or deserializer) with (parallel adj output)  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:27  |
| BRS | 2     | ((serializer or deserializer) with (parallel adj output)) same (pll or (phase adj lock\$2 adj loop\$1))  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:29  |
| BRS | 51132 | transceiver  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:29  |
| BRS | 12    | transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:35  |
| BRS | 10    | (transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))) and @ad<19990424   | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 18:04  |
| BRS | 16    | (transceiver\$1 or (receiver\$1 with transmitter\$1)) same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:36  |
| BRS | 13    | ((transceiver\$1 or (receiver\$1 with transmitter\$1)) same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))) and @ad<19990424   | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 17:36  |
| BRS | 1     | 6377575.pn. and deserializer\$1  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 18:33  |
| BRS | 1     | 6377575.pn. and phase  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 18:38  |
| BRS | 1     | 6377575.pn. and crnu   | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 18:42  |
| BRS | 1     | 6377575.pn. and dru  | USPAT: US-PGPUB: EPO: DERWENT | 9/28/02 18:43  |
| BRS | 3096  | select\$5 near3 (demux\$1 or demultiplex\$5)   | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:00 |
| BRS | 41875 | select\$5 near3 (mux\$1 or multiplex\$5)   | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:00 |
| BRS | 13345 | parallel adj serial  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:00 |
| BRS | 19366 | serial adj parallel  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:00 |
| BRS | 186   | (select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:00 |
| BRS | 17    | (select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)  | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:10  |
| BRS | 5     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 11:19 |
| BRS | 4     | 4809345.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)  | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:11  |
| BRS | 1     | 4610026.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 13:43 |
| BRS | 0     | 4809345.pn. and (phase)  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 13:43 |
| BRS | 1     | 4809345.pn. and (phase)  | USPAT: US-PGPUB: EPO: DERWENT | 12/19/03 13:43 |
| BRS | 197   | (select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)  | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:10  |
| BRS | 119   | (select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel) ) or ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1))   | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:10  |
| BRS | 316   | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1))  | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:10  |
| BRS | 4     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)) and clock\$4   | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:11  |
| BRS | 1     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (serializer\$4)) and clock\$4   | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:11  |
| BRS | 5     | ((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)) and ((select\$5 near3 (mux\$1 or demultiplex\$5)) same (serializer\$1)) and ((select\$5 near3 (demux\$1 or demultiplex\$5)) same (serializer\$4)) and clock\$4 | USPAT: US-PGPUB: EPO: DERWENT | 6/14/04 17:14  |

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6/23/04 9:11:03

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| BRS 1     | 4809345.pn. and "1408"  | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:15 |
| BRS 1     | 4809345.pn. and clock\$4  | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:16 |
| BRS 14165 | parallel adj serial   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:16 |
| BRS 2677  | p/s   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 15968 | (parallel adj serial) or "p/s"  | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 363   | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5)   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 20916 | serial adj parallel   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 2160  | s/p   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 22199 | (serial adj parallel) or "s/p"  | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:17 |
| BRS 1917  | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5)   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:18 |
| BRS 37    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same "19"   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:18 |
| BRS 108   | same (mux or multiplex\$5)  | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:18 |
| BRS 83    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @ad<19990424   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:18 |
| BRS 11    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @riad<19990424   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:18 |
| BRS 83    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @riad<19990424   | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:21 |
| BRS 67    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @ad<19990424 or (((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @riad<19990424 and clock\$5                       | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:29 |
| BRS 28    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @ad<19990424 or (((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @riad<19990424 and clock\$5 same phas\$5          | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:30 |
| BRS 58    | ((parallel adj serial) or "p/s") same (demux or demultiplex\$5) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @ad<19990424 or (((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5)) and @riad<19990424 and clock\$5 same (timing or time) | USPAT: US-PGPUB. EPO: DERWENT | 6/14/04 17:30 |
| BRS 24829 | serial adj parallel   | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:26 |
| BRS 21030 | s/p   | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:27 |
| BRS 2169  | (serial adj parallel) or "s/p"  | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:27 |
| BRS 22319 | (mux or multiplex\$6) with ((serial adj parallel) or "s/p")   | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:27 |
| BRS 1048  | ((mux or multiplex\$6) with ((serial adj parallel) or "s/p") same phase   | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:33 |
| BRS 60    | 6351168   | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:34 |
| BRS 2     | Maiorana  | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:34 |
| BRS 931   | Maiorana and scott.in.  | USPAT: US-PGPUB. EPO: DERWENT | 6/23/04 18:34 |
| BRS 32    |   |                               |               |